

## ABSTRACT OF THE DISCLOSURE

A power supply circuit of a low noise block converter (LNB) includes a plurality of output voltage regulators. A first output voltage regulator, a local oscillator circuit, a second output voltage regulator, and an LNA are  
5 connected in series in a direction in which a power supply current flows. Therefore, a voltage adjustment width of the output voltage regulator can be reduced and a power loss can be reduced. A value of current flowing in the power supply circuit can also be decreased. Accordingly, an LNB with  
10 a reduced power consumption can be realized.